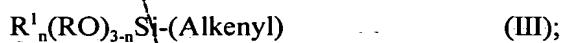


or



wherein:

B: $-SCN$, $-SH$, $-Cl$, $-NH_2$ (when $q = 1$) or $-S_x-$ (when $q = 2$);

R and R^1 : each independently represent a branched or nonbranched alkyl group with 1 to 4 carbon atoms or a phenyl group;

R: a branched or nonbranched C_1 to C_4 alkyl or C_1 to C_4 alkoxy group;

n: 0; 1 or 2;

Alk: a divalent straight-chain or branched hydrocarbon group with 1 to 6 carbon atoms;

m: 0 or 1;

Ar: an arylene group with 6 to 12 carbon atoms;

p: 0 or 1, with the proviso that p, m and n are not simultaneously equal to 0;

x: a number from 2 to 8;

Alkyl: a monovalent straight-chain or branched saturated hydrocarbon group with 1 to 20 carbon atoms;

Alkenyl: a monovalent straight-chain or branched unsaturated hydrocarbon group with 2 to 20 carbon atoms;

wherein the total amount of said filler does not exceed 5000 phr individually or in combination, and wherein said filler is permanently bound with the rubber.